

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-177199

(43)Date of publication of application : 14.07.1995

(51)Int.Cl.

H04L 29/06

H04L 7/08

(21)Application number : 06-045623

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(22)Date of filing : 16.03.1994

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(30)Priority

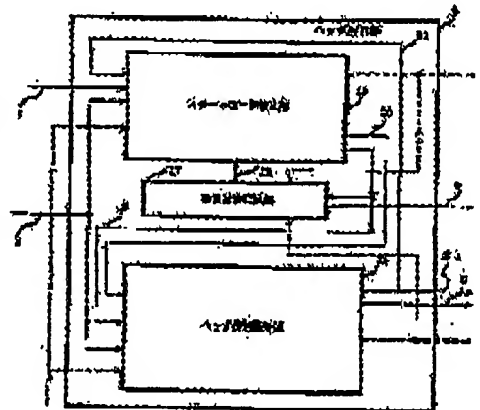
Priority number : 05272083 Priority date : 29.10.1993 Priority country : JP

## (54) DATA DECODER, DATA RECEIVER AND DATA RECEPTION METHOD

(57)Abstract:

PURPOSE: To prevent the mis-detection of a special code word by referring to a data arrangement rule based on a hierarchy to which decoded coded data belong so as to decide the correctness of the specific code word representing a delimitation of hierarchies of the coded data.

CONSTITUTION: A prescribed bit quantity of a bit stream received from a transmission line is stored and a bit pattern of a fixed length being a processing unit is segmented from the bit string as processing data 3 and a start code detection section 15 of a header analysis section 4 detects a sequence start code. A header information decoding section 16 decodes header information 6 based on a current layer state 19 stored in a layer state storage section 17 and a type 20 of a detected start code. The header analysis section 4 monitors whether or not a new start code is generated by the start code detection section 16 at all times and re-starts the header information decoding section 16 according to the start code type 20 and the current layer 19 when the new start code is correctly detected.



## LEGAL STATUS

[Date of request for examination]

07.08.1997

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

2862064

DEC. 19. 2006 4:53PM HP LEGAL

NO. 3199 P. 6

[Date of registration]

11.12.1998

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]